

1. (New) A screen panel retainer system comprising:
  - a plurality of retainer bars, each of said retainer bars including an upper face and a lower face;
  - a plurality of spaced plugs extending downwardly and being integral with said lower face of each said retainer bar;
  - means on each said retainer bar for reversibly increasing a radial dimension of each said plug;
  - a plurality of spaced upwardly extending ears on said upper face of each said retainer bar;
  - screen edge strips adapted to be securable to screen panels;
  - a plurality of pockets one each of said screen edge strips, said pockets being configured to each receive one of said ears; and
  - dams securable to ends of adjacent ones of said screen edge strips.
2. (New) The screen panel retainer system of claim 1 further including a metal spine in each said retainer bar.
3. (New) The screen panel retainer system of claim 1 wherein each said retainer bar is a resilient material.
4. (New) The screen panel retainer system of claim 1 further including an expansion nut in each of said plugs.

5. (New) The screen panel retainer system of claim 4 wherein said means for increasing a radial dimension of each said plug includes an expansion bolt, said expansion bolt being engageable with said expansion nut, movement of said expansion nut relative to said lower face of each said retainer bar varying said radial dimension of each said plug.
6. (New) The screen panel retainer system of claim 5 further including barbs on each said expander nut, said bars preventing rotation of said expander nut in said plug.
7. (New) The screen panel retainer system of claim 1 wherein each said ear includes at least one ear lug and at least one ear hook.
8. (New) The screen panel retainer system of claim 7 wherein said ear hook is transverse to a longitudinal direction of said retainer bar.
9. (New) The screen panel retainer system of claim 7 wherein each said pocket includes at least one pocket end, each said pocket end adapted to receive one of said ear hooks.
10. (New) The screen panel retainer system of claim 1 further including a half pocket at each end of said screen edge strip.

11. (New) The screen panel retainer system of claim 10 further including a half ear at each end of each said retainer bar, said half ears being adapted to be secured in said half pockets.

12. (New) The screen panel retainer system of claim 1 wherein each of said pockets is generally T-shaped.

13. (New) The screen panel retainer system of claim 1 wherein each said dam includes a pair of dam ends, each said dam end having a dam end pocket.

14. (New) The screen panel retainer system of claim 13 further including screen edge strip end keyways, said keyways including inverted ears, said dam end pockets being adapted to receive said inverted ears.

15. (New) The screen panel retainer system of claim 5 further including a hole in each said retainer bar overlying each said plug, said hole being adapted to allow passage of said expansion bolt to said expansion nut.

16. (New) The screen panel retainer system of claim 15 wherein each said hole is unthreaded.

17. (New) The screen panel retainer system of claim 1 further including key flanges on each said screen edge strips and complimentary keyways on each said retainer bar.

18. (New) The screen panel retainer system of claim 17 wherein each said key flange is situated along a side edge of each said screen edge strip.
19. (New) The screen panel retainer system of claim 1 wherein each said plug is adapted to be received in a hole in a screen stringer rail of a separatory machine.
20. (New) The screen panel retainer system of claim 1 further including side boards engageable with a side panel of a separatory machine.